

Draft Sewer Gas Sampling Analytical Results
Former Amphenol Facility
EPA ID # IND 044 587 848
Franklin, IN 46131

IDEM RCG Screening Levels (µg/m³)	Parameters	Sewer Gas Sampling Locations (µg/m³)									
Residential Indoor Air	Sample Location	Sanitary Sewer Manhole		Sanitary Sewer Manhole		Sanitary Sewer Manhole	Sanitary Sewer Manhole	Sanitary Sewer Manhole	Sanitary Sewer Manhole	Sanitary Sewer Manhole	Sanitary Sewer Manhole
		North Forsythe Street, southern portion of study area, near Hurricane Creek		North Forsythe Street, southern portion of study area, near MW-32		Extended Study Area, North Forsythe Street, at the intersection with Adams Street	Extended Study Area, east side of Hurricane Creek along walking trail	Extended Study Area, south of 400 N Forsythe St property	Field duplicate of MH 260010	Extended Study Area, southwest of 400 N Forsythe St property	Extended Study Area, west side of Hurricane Creek
	Sample ID	MH 250010		MH 250020		MH 240020	MH 220090	MH 260010	FD-1	MH 260020	MH 220100
	Sample Date	9/14/2018	10/23/2018	9/14/2018	10/23/2018	10/23/2018	10/23/2018	10/23/2018	10/23/2018	10/23/2018	10/23/2018
18	1,1-Dichloroethane	28.6	2.0	22.2	<0.074	2.5	<0.075	<0.083	<0.072	<0.081	<0.077
1.1	1,2-Dichloroethane	<0.085	<0.080	<0.083	<0.074	<0.077	0.090	0.093	0.091	0.084	<0.077
N/A	cis-1,2-Dichloroethene	44.9	2.5	44.6	<0.073	2.7	<0.074	<0.081	<0.070	<0.080	<0.075
N/A	trans-1,2-Dichloroethene	<0.083	<0.078	<0.081	<0.073	<0.075	<0.074	<0.081	<0.070	<0.080	<0.075
630	Methylene chloride	29.3	109	23.6	34.7	41.2	53.3	54.4	29.7	145	33.1
42	Tetrachloroethylene (PCE)	1,030	31.3	211	1.0	43.1	1.1	0.81	0.72	3.2	0.62
5,200	1,1,1-Trichloroethane	307	14.9	242	0.16	27.6	0.33	0.21	0.21	0.20	<0.10
2.1	Trichlorethylene (TCE)	1,290	71.1	228	1.2	98.9	1.7	0.82	0.82	0.93	0.45
1.7	Vinyl Chloride	3.0	0.14	2.6	<0.047	<0.045	<0.048	<0.053	<0.045	<0.051	<0.049
N/A	Total VOCs	2,732.8	230.94	774.0	37.06	216.0	56.490	56.333	31.541	149.414	34.17

Notes:

- All samples collected by IWM Consulting personnel and analyzed at Pace Analytical Services, LLC located in Minneapolis, MN.
- All VOCs analyzed using EPA Method TO-15 except for TCE, 1,2 DCA, and Vinyl Chloride, which were analyzed using EPA Method TO-15 SM.
- All results in µg/m³.
- N/A: not applicable (risk-based screening levels have not been developed).
- IWM Consulting personnel obtained all of the sewer gas samples utilizing a 1-liter summa canister equipped with an 10-minute flow regulator (~100 mL/minute flow rate).
- Indiana Department of Environmental Management (IDEM) Remediation Closure Guide (RCG) Screening Levels correspond to the levels published in Appendix A, Table A-6 of the RCG, updated March 7, 2018.
- Bolded** concentrations exceed the IDEM RCG Residential Indoor Air Screening Level.

